|2017.18.

ನಗ ಪಹ್ಮನಾಯಂಕ್. ಪ.ಕ.

0,00ಪ 425200, ಪ

ಪ.

Executive Engineer
atarayanapura Division
lahanka Zone, B.B.M.P.
Banga ore-560092

9/11

09/11

09/11

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425101

Serial No. 1st and final bill

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency Sri. Lakshmi Infra India Pvt Ltd. Sri. M.R. Krishna Naik

Date of commencement of work nisarganilaya. 2nd. main. 4th. cross. Shimoggo.

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work :- Package-1 Includes 3 works at Rs. 100.00 lakhs. (1) providing cement concrete road at negarwater colony in ward no. 06 byatarayanapura sub division. 2) osphalting to road and improvements to drain at annjunatha layout 1st and 2nd 3rd cross road in ward no 6, byatarayanapura sub division. 3) providing cement concrete road and drains at bharathnagara high tension road both side cross roades from Milk dairy to tyraj compound in ward no. 06. Byatarayanapura sub division. work order no :- BBMP/EE/BTP/WO/206/2018-19 Job code :- 006-18-000032 Est cost :- 100.00 lakhs work order date :- 04-01-2019					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		ABSTRACT					
Sl.NO	Description	of Item		unit	Qty	Rate	Amount
1.	KSRRB m300 -1 Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 mtr and an average lift upto 0.5m excavated surface levelled and sides neatly dressed the disposed earth to be levelled neatly after breaking of clods complete as per specifications			cum	1108.69	200.00	221738.00
2.	Removing & Refixing Stone slabs of drain and painting in c.m. (1:3)			Sqm	697.080	100.00	69708.00
3	providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc complete 7.5 cms thick			Sqm	174.27	700.00	121989.00
4.	KSRB 4-1.2: providing and laying in position plain cement concrete of mix 1:3:6 with						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wor
1	2
	opc cement @ 220kg. w size graded granite meta 0.892 cum and fine c machine mixed concrete exceeding 15 cm thick in including cost of all m of machinery curing comp
5.	KSRB 4-6.2: providing and ring strutting propping f form work for foundation column for man con of all material labour specification specifica

	Contents	Reference to last Measurement
	7	8
	Rate	Amount
.69	200.00	221738.00
.080	100.00	69708.00
27	700.00	121989.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425102

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	OPC cement @ 320kg. with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum machine mixed concrete laid in layers not exceeding 15 cm thick well compacted in foundation including cost of all materials, labour, tools & machinery, curing complete as per specifications				151.39 cum	5850.00	885632- 885649.05
5.	KSRB 4-6.1: providing and removing centering shuttering, strutting, propping etc and removal of form work for foundations, footing bases, of columns for mass concrete including cost of all materials, labour, complete as per specifications. specifications				112.20 sqm	270.00	30294.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
6.	KSRB. 4-6.4: providing and removing centering shuttering. strutting propping etc. and removal of form. work for vertical surface such as walls at any. thickness. including attached pilasters buttresses. plinth and string courses. cost of all materials. labour. complete. as per specification	Sam			1114.00 ~~114.000~~	350.00	389900.00
7.	providing and laying cement concrete using 20mm and downsize granite coarse aggregate and fine aggregates of ready mixed concrete (RMC) for RCC works laid in 15 cms thick layers and well compacted. vibrating. curing. finishing with necessary cement mortar with all lead and lifts etc. complete (exclusive of cost of steel and fabrication charges) Ready mixed cement concrete M.20 for Raft foundation column. footing main and Secondary beams	cum			139.96 132.96	6700.00	890832.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
8.	KSRB -4.9.2: providing. Tm Fe. 500. for R.C.C. work. inclu cutting. bending. hooking. po and / or. welding. wherever binding. wire and. anchori members. wherever. necessar design. (laps. hooks. an not be measured. and paid labour. item. of machinery specifications.
9.	providing. and. fixing. RCC of 250. mm thick. for drain M20. using. graded grani

Contents	Reference to last Measurement
7	8
350 . 00	389900 . 00
6700.00	890832.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425103

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
8.	KSRB -4.9.2: providing . TMT Steel . reinforcement Fe . 500. for R.C.C. work . including . straightening cutting . bending . hooking . placing in position . tapping and / or . welding . wherever . required . tying with binding . wire and . anchoring . to the adjoining members . wherever . necessary complete . as per design . (laps . hooks . and wastage . shall not be measured . and paid) cost of . materials labour . Hom . of machinery . complete . as per specifications .				TONNE 4.52	75000.00	339000.00
9.	providing . and . fixing . RCC . precast cover . slab of 250 . mm thick . for drain . in . cement . concrete m20 . using . graded granite Jelly . 20mm . and						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	down . size . with . Steel . reinforcement . including form . work . lift . charges . curing . and . concrete finished . surface . on both . sides . etc complete and . as per . drawing . and the . directions of the . engineer . in - charge.			54m	201.45 (201.800)	5500.00	1107975.00
10	KSRB . 5.9-3 . providing . and . constructing granite size stone . masonry . in . foundation . cement . mortar . 1:6 . stone . hammered . dressed . in course not less . than . 20 cms . high . bond . stone . at 2m apart . in . each . in . course . including cost . of materials . labour . curing . complete . as per . specifications				cum 161.808	4800.00	776678.40 776640
11.	KSRB 5.11: providing . and . constructing load . bearing wall . with . solid . concrete . blocks . of size . 400x . 150x200 . mm . having . block . density not . less than . 1800 . kg/m3 . and . having a minimum average . compressive . strength . 4.50 . n/mm2						

M. A
M

Serial No. .....

Name of Work ..... Fro

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
	confirming . to . IS . 2185 (Part) . 2005 constructed . with . cm . 1:4 . as . per . 2005 including . cost . of all . materials . charges . scaffolding . curing . curing . per specifications	
12.	KSRB 15.1.1: providing flush . pointing rubble course . or uncoursed . stone . with . cement . mortar . 1:3 . 20mm . raking . joints . to . depth . of 20mm . lining . including cost . of materials . be complete . as per . specifications	
13	KSRB . 4-1.6 ; providing and . laying plain . cement . concrete . of mix . 1:	

tents	Reference to last Measurement
7	8
00.00	1107975.00
00.00	176678.40 176640

M. A. R. 57 (Rule 116)
Measurement Book

No. B
425104

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	confirming to IS 2185 (Part) 2005 and constructed with cm 1:4 as per IS 2572: 2005 including cost of all materials labour charge scaffolding curing curing complete as per specifications			54m	210.80	1000.00	210800.00
N.	ISRB 15.1.1: providing flush pointing to square rubble course or uncoursed stone masonry with cement mortar 1:3 20mm deep after raking joints to depth of 20mm neatly lining including cost of materials labour curing complete as per specifications			54m	325.20	125.00	40650.00
13	ISRB 4.1.6: providing and laying in position plain cement concrete of mix 1:2:4 with						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	cement @ 240 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum machine mixed concrete laid in layers not exceeding 15 cms thick well compacted in foundation and plinth including cost of all materials labour hire of machinery curing complete as per specifications				32.24	5900.00	190234.75
14.	providing and fixing RCC precast cover slab of 100 mm thick for drain in cement concrete m20 using graded granite jelly 20 mm and down size with steel reinforcement including form work lift charges curing and concrete finished surface on both sides etc complete and as per drawing and the directions of Engineer in-charge.				1387.89	1900.00	2636991.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
15.	KSRB m200-13.1 disn structures culverts bridg and other structures - com cement concrete wood including TBP and sca materials and stacking with all lifts complete as 11. by mechanical means grade m-15 & m-20.
16	cement concrete paveme un-reinforced plain cement thickness as per design o

ontents	Reference to last Measurement
7	8
00.00	190230.75
00.00	8636991.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425105

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
15.	KSRRB. m200-13.1. dismantling. of. existing structures. culverts. bridges. retaining. walls and. other structures. comprising. of masonry cement. concrete. wood. work. steel. work including. T&P. and scaffolding. unserviceable materials. and. stacking. the. serviceable. materials with. all. lifts. complete. as per. specifications 11. by mechanical. means. R. cement. concrete grade. m-15. & m-20.				62.47	500.00	~~31235.75~~ 31235-
16	cement. concrete. pavement. construction. of un-reinforced. plain. cement. concrete. pavement thickness. as per. design. over. a prepared. sub						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	base . with . ope . cement . or any . other . type as per . clause . 1051 . 2.2 . design . mix . m30/ m30 . with . 25 mm . and . down . size . graded granite . metal . course . aggregates . and fine aggregates . with . superplasticiser @ . 3 lit confirming to . 159103 - 1999 . R+ offirmed 0008 . mixed . in a . concrete . mixer . of not . less than . 0.6 . cum . capacity . and . appropriate weigh . batcher . as per . approved . mix . design laid . in . approved . fixed . side . form . work (steel . channel . laying . and . fixing . of 125 micron . thick . poly then . film . wedges . steel plates . including . levelling . the form . work . as per . drawing . spreading the concrete . with shovels . rakers . compacted . using . needle screed . and . plate . vibrator and . finished						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work ...

Date	Full description, etc, of w
1	2
	in a . continuous . oper d . construction . admi compound . finishing . to as per drawing . com -m30 . (at . 360 . kg . p aggregates @ . 0.69 . cu @ . 0.46 . cum
17.	vacuum de - watering mat . and . compaction dubbed . with float of . generator . flow screed . vibratory

Contents	Reference to last Measurement
7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425106

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	in a continuous operation of construction admixture compound finishing to lines and grades as per drawing complete M30 (at 360 kg per cum coarse aggregate @ 0.69 cum and fine aggregate @ 0.46 cum	including provision of approved curing as per specification		cum	192.78	7000.00	1349040.00
17.	vacuum de-watering vacuum pump suction mat and compaction with 5 HP Honda clubbed with floating disc including cost of generator Honda of machine screed vibratory power floats blade			sqm	1304.22	125.00	163090.18

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and disc. etc. with. all. lead. and. lift						
18.	Removing. and. resetting of. footpath. slab			5qm	817.20	180.00	147096.00
	GRAND TOTAL AMOUNT Rs ⟹						9609895.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	CERTIFICATE:-
	1) The contractor has complete
	2) The contractor has rem
	3) There are no dispertmen

OK

Depth 6	Contents 7	Reference to last Measurement 8
817.20	180.00	147096.00
OUNT R ⟹		9602895.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 425107

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	CERTIFICATE:-						
	1) The contractor has completed the work as per specifications						
	2) The contractor has removed all the debris from work spot.						
	3) There are no departmental claims to the contractor						
	22/2/19						
	ಸಹಾಯಕ ಅಭಿಯಂತರರು						
	ವಿ.ವಿ.ಎಂ.ಪಿ ವ್ಯಾಪ್ತಿಯವರು ಉಪ ವಿಭಾಗ						
	22/2/19						
	ಸಹಾಯಕ ಅಭಿಯಂತರರು ವಿ.ವಿ.ಎಂ.ಪಿ						
	ವ್ಯಾಪ್ತಿಯವರು ಉಪ ವಿಭಾಗ						
	ವಿ.ವಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1st and Final					Total Rs 96,02,826-00	
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ- 96,02,826-೦೦					IT - 192057-00	
	ಗಳ ಕೈ ಪಾಸು ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ 65304-೦೦					Cess 96028-00	
	ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 8943,522-೦೦					CBT - 9693-00	
	Rs Eighty nine Lakh forty three					LR - 190136-00	
	thousand five hundred twenty two only.					CGST - 85740-00	
	ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ					SGST - 85740-00	
						Adv. 6,59,304-00	
						Chqe 8943,522-00	

Serial No. 1st and fi
Name of Work
Name of Contractor of na
Date of commencement

Date	Full description, e
1	2
	Name of
	work order
	Job code
	Est cost
	work order